

**(57) Abstract**

The invention relates to a radio telecommunication system comprising means (508) for determining a bit rate increase in a cell on the basis of capacity requests, means (508) for estimating the increase of transmission power caused by the capacity increase, means (508, 518) for determining the cell power on the basis of the current cell power and the estimated power increase, means (508, 518) for estimating the increase of the transmission power needed in the neighbouring cells caused by the capacity growth in the current cell, means (508) for limiting the resource allocation in the cell requesting capacity.

(Figure 5)